

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) An arrangement for relayed services in a mobile radio frequency telecommunication system comprising:

a plurality of mobile communication terminals from which an established point-to-point connection either originates or terminates,

the mobile communication terminals operating in a mobile packet switched communication network, ~~such as a third-generation general packet radio service network;~~

a global and universal interconnecting network, ~~such as the Internet;~~

at least one router which bi-directionally provides a connecting bridge for transmission of data between the mobile packet switched communication network and the

at least one Internet relay mobile Voice over IP (IRMV) server ~~is provided~~ in the [a] global and universal interconnecting network, ~~in order~~ to enable communication between mobile communication terminals, wherein the IRMV server is independent of an operator of the mobile packet switched communication network and includes means for establishing a dedicated chat channel between a calling mobile communications terminal and a called mobile communications terminal. ~~so as to avoid the need for operator interference with the established point-to-point communication.~~

2. (Currently Amended) ~~An~~ The arrangement for relayed services according to claim 1, wherein the ~~servers~~ server and ~~routers~~ router ~~are adapted to allow~~ include means for allowing voice information to be transmitted over the data distribution channels.

3. (Previously Presented) ~~An~~ The arrangement for relayed services according to claim 1, wherein the mobile communication terminals ~~are adapted to allow~~ includes means for allowing voice information to be transmitted using the ~~a~~ data communication mode of the mobile communication terminals.

4. (Currently Amended) ~~An~~ The arrangement for relayed services according to claim 3 wherein voice traffic is encoded in accordance with any of the ITU H.323 protocols.

5. (Currently Amended) ~~An~~ The arrangement for relayed services according to claim 4 ~~wherein further comprising provided~~ access points for mobile communication terminals, the IRMV server being located within one of the access points, at least partly incorporate the IRMV server functionality.

6. (Currently Amended) ~~An~~ The arrangement for relayed services according to claim 5 wherein the IRMV server ~~functionality at access points is carried out by means of~~ includes a search engine and file sharing software.

7. (Currently Amended) ~~An~~ The arrangement for relayed services according to claim 6 wherein the mobile communication terminals are WLAN or Bluetooth enabled devices.

8. (Canceled)

9. (Canceled)

10. (Currently Amended) A method in a mobile radio frequency telecommunication system for establishing a connection for voice data distribution, comprising the steps of:

a first mobile communication terminal transmitting a request for establishing a communication session with a registered IP-address of a second mobile ~~phone~~

communication terminal, the request being relayed from one operator's access server to another access server in case of different access servers,

wherein the access servers are each independent of each operator and include means for establishing a dedicated chat channel between the first mobile communication terminal and the second mobile communication terminal.

the second mobile communication terminal transmitting an acknowledgement message to the first mobile communication terminal including acceptance message and preparation for communication session message,

the request being relayed from one operator's access server to another access server in case of different access servers, and

establishing a relayed communication session between the first and second mobile communication terminals via the access servers.

11. (Currently Amended) [[A]] The method in a mobile telecommunication system according to claim 10, further comprising the step of continuing to establish a connection with at least a third communication terminal which is connected to the previously connected mobile communication terminals.

12. (Currently Amended) [[A]] The method in a mobile telecommunication system according to ~~anyone of claims 8-11~~ claim 10, further comprising the step of in ~~dependence of, depending on~~ the transmission quality of a call, establishing a new routing path onto which an established call of unsatisfactory transmission quality can be exchanged.

13. (Currently Amended) [[A]] The method in a mobile telecommunication system according to claim 11 further comprising the step of registering the IP-address, the IP-address being associated with certain identifiers, ~~such as name, telephone number, or any other unique identity number, such as a fixed allocated IP address.~~

14. (Currently Amended) [[A]] The method in a mobile telecommunication system according to claim 13 comprising the step of allocating IP-addresses ~~by means of utilizing~~ a Internet service provider (ISP), ~~preferably mobile ISP~~, or other entity managing an access point.

15. (Currently Amended) [[A]] The method in a mobile telecommunication system according to claim 14 comprising the step of searching, ~~by means of utilizing a~~ search engine and file sharing software, for a dynamic IP-address by means of thereto associated identifiers, ~~such as name, telephone number, or any other unique identity number, such as a fixed allocated IP address.~~

16. (Canceled)